

Title (en)

A planetary mixing head in a machine for kneading food products

Title (de)

Planetenmischkopf in einer Maschine zum Kneten von Lebensmitteln

Title (fr)

Tête de mélange planétaire dans une machine de pétrissage pour produits d'alimentation

Publication

EP 1719552 A3 20080611 (EN)

Application

EP 06007990 A 20060418

Priority

IT PR20050017 A 20050419

Abstract (en)

[origin: EP1719552A2] A mixing head in a machine for kneading food products comprises one or more mixing elements (5), movable by rotation around their own axes, a support element (2), where to are connected the mixing elements (5), a shaft (1), where to is rotatably associated the support element (2) actuated by a motorization, and a gearing (7) transferring motion from the support element (2) to the mixing elements (5); said gearing (7) in turn comprising: gears (9) integral with the mixing elements (5), a gear wheel (8) keyed on the shaft (1) and satellite gears (10) interposed between the gears (9) integral with the mixing elements (5) and the gear wheel (8), in such a way that the mixing elements (5) rotate around their own axes, and, in the opposite direction, around the central axis. Said head comprises, advantageously, four tools (5, 6).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XA] DE 1021986 B 19580102 - SIEMENS AG
- [XA] EP 0096136 A1 19831221 - COUVROT LAINE & CIE [FR]
- [XA] DE 805754 C 19510528 - HORACE FRITZ BEKEN

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Designated extension state (EPC)

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